

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	77	(fret or (energy near transfer)) same hybridiz\$8 same (nucleic or dna or polynucleotide or oligonucleotide or probe) same (enzym\$6 or elisa or peroxidase or hrp or phosphatase) same (specific\$5 or sensitiv\$4)	USPAT	OR	OFF	2007/01/18 07:13
L2	3294	(enzym\$6 or elisa or peroxidase or hrp or phosphatase) near8 (detect\$4) near8 (nucleic or dna or polynucleotide)	USPAT	OR	OFF	2007/01/18 07:14
L3	324	(enzym\$6 near3 label\$4) near8 (detect\$4) near8 (nucleic or dna or polynucleotide)	USPAT	OR	OFF	2007/01/18 07:14
L4	1	(enzym\$6 near3 label\$4) near8 (detect\$4) near8 (nucleic or dna or polynucleotide) same (fret or (energy near transfer))	USPAT	OR	OFF	2007/01/18 07:16
L5	1	(enzym\$6 near3 label\$4) near8 (detect\$4) near8 (nucleic or dna or polynucleotide) same (fret or (energy near transfer))	US-PGPUB	OR	OFF	2007/01/18 07:17
L6	27	(sensitiv\$4 or specific\$5) near8 (detect\$4) near8 (nucleic or dna or polynucleotide) near8 (fret or (energy near transfer))	US-PGPUB	OR	OFF	2007/01/18 07:17
L7	16	(sensitiv\$4 or specific\$5) near8 (detect\$4) near8 (nucleic or dna or polynucleotide) near8 (fret or (energy near transfer))	USPAT	OR	OFF	2007/01/18 07:39
L8	0	(fret or (energy near transfer)) same fam same rox same preferred	USPAT	OR	OFF	2007/01/18 07:39
L9	100	(fret or (energy near transfer)) same fam same rox	USPAT	OR	OFF	2007/01/18 07:40
L10	5	(fret or (energy near transfer)) same fam same rox same hybrid\$8	USPAT	OR	OFF	2007/01/18 07:51
L11	2	"5866336".pn. "5348853".pn.	USPAT	OR	OFF	2007/01/18 07:54
L12	2	"070685".pn. wo-9214845-\$ did.	EPO; DERWENT	OR	OFF	2007/01/18 07:55
L13	2	"0070685".pn. wo-9214845-\$ did.	EPO; DERWENT	OR	OFF	2007/01/18 08:03
L14	0	ep-0070685-\$ did.	EPO; DERWENT	OR	OFF	2007/01/18 07:55
L15	0	ep-0070685.ap,prai.	EPO; DERWENT	OR	OFF	2007/01/18 07:55

## EAST Search History

L16	0	"0070685".pn.	EPO; DERWENT	OR	OFF	2007/01/18 07:55
L17	1	"0070685".pn.	USPAT; EPO; DERWENT	OR	OFF	2007/01/18 07:55
L18	0	"070685".pn.	USPAT; EPO; DERWENT	OR	OFF	2007/01/18 07:56
L19	0	ep0070685a2	USPAT; EPO; DERWENT	OR	OFF	2007/01/18 07:56
L20	0	ep-0070685-a2	USPAT; EPO; DERWENT	OR	OFF	2007/01/18 07:56
L21	0	ep-070685-a2	USPAT; EPO; DERWENT	OR	OFF	2007/01/18 07:56
L22	6	"229943".pn.	USPAT; EPO; DERWENT	OR	OFF	2007/01/18 07:56
L23	0	"070685".pn.	USPAT; EPO; DERWENT	OR	OFF	2007/01/18 07:57
L24	6	"628640".pn.	USPAT; EPO; DERWENT	OR	OFF	2007/01/18 07:58
L25	10	"6200748"	USPAT; EPO; DERWENT	OR	OFF	2007/01/18 07:58
L26	992	(fret or (energy near transfer)) same (enzym\$4 or peroxidase or hrp)	USPAT	OR	OFF	2007/01/18 08:03
L27	423	(fret or (energy near transfer)) same (enzym\$4 or peroxidase or hrp) same (hybridiz\$8 or nucleic or dna or polynucleotide)	USPAT	OR	OFF	2007/01/18 08:04
L28	208	(fret or (energy near transfer)) same (enzym\$4 or peroxidase or hrp) same (hybridiz\$8 or nucleic or dna or polynucleotide) same (sensitiv\$4 or specific\$4 or simpl\$6 or eas\$4 or fast\$4 or advantag\$5 or improv\$6)	USPAT	OR	OFF	2007/01/18 08:24
L29	135	(fret or (energy near transfer)) same (peroxidase or phosphatase)	USPAT	OR	OFF	2007/01/18 08:24
L30	15	(fret or (energy near transfer)) same (peroxidase or phosphatase) same (hybridiz\$8)	USPAT	OR	OFF	2007/01/18 08:27

## EAST Search History

L31	13	(fret or (energy near transfer)) same (peroxidase or phosphatase) same (hybridiz\$8)	US-PGPUB	OR	OFF	2007/01/18 08:28
L32	1	(fret or (energy near transfer)) and (peroxidase or phosphatase) and (hybridiz\$8)	EPO; JPO; DERWENT	OR	OFF	2007/01/18 08:28
L33	1	(fret or (energy near transfer)) same (peroxidase or phosphatase or galactosidase) same (detect\$4) same (dna or polynucleotide or oligonucleotide or nucleic)	EPO; JPO; DERWENT	OR	OFF	2007/01/18 08:29
L34	9	(fret or (energy near transfer)) and (peroxidase or phosphatase or galactosidase) and (detect\$4) and (dna or polynucleotide or oligonucleotide or nucleic)	EPO; JPO; DERWENT	OR	OFF	2007/01/18 08:30
L35	32	(fret or (energy near transfer)) same (peroxidase or phosphatase or galactosidase) same (detect\$4) same (dna or polynucleotide or oligonucleotide or nucleic)	USPAT	OR	OFF	2007/01/18 08:33
L36	55	(fret or (energy near transfer)) same (peroxidase or phosphatase or galactosidase) same (detect\$4) same (dna or polynucleotide or oligonucleotide or nucleic)	US-PGPUB	OR	OFF	2007/01/18 08:33
L38	12	(probe) near8 (phosphorylat\$4) near5 "3" near8 exten\$5	USPAT	OR	OFF	2007/01/18 08:39
L39	21	((asymmetric\$4 or (strand near specific)) near3 (amplif\$8 or pcr or (polymerase adj1 chain))) same (probe near5 hybridiz\$8)	USPAT	OR	OFF	2007/01/18 08:53
L40	34	((asymmetric\$4 or (strand near specific)) near3 (amplif\$8 or pcr or (polymerase adj1 chain))) same (probe near5 hybridiz\$8)	US-PGPUB	OR	OFF	2007/01/18 09:03
L41	0	(asymmetric\$4 near3 (amplif\$8 or pcr or (polymerase adj1 chain))) same (probe near5 hybridiz\$8) same (five or five-fold or fivefold)	US-PGPUB	OR	OFF	2007/01/18 09:04
L42	0	(asymmetric\$4 near3 (amplif\$8 or pcr or (polymerase adj1 chain))) same (probe near5 hybridiz\$8) same (five or five-fold or fivefold)	USPAT	OR	OFF	2007/01/18 09:04
L43	35	(asymmetric\$4 near3 (amplif\$8 or pcr or (polymerase adj1 chain))) same (five or five-fold or fivefold)	USPAT	OR	OFF	2007/01/18 09:05

## EAST Search History

L44	0	(asymmetric\$4 near3 (amplif\$8 or pcr or (polymerase adj1 chain))) same ((five or five-fold or fivefold) near3 excess)	USPAT	OR	OFF	2007/01/18 09:04
L45	0	(asymmetric\$4 near3 (amplif\$8 or pcr or (polymerase adj1 chain))) same excess same (five near (times or fold))	USPAT	OR	OFF	2007/01/18 09:06
L46	2	(asymmetric\$4 near3 (amplif\$8 or pcr or (polymerase adj1 chain))) same excess same (five near (times or fold))	US-PGPUB	OR	OFF	2007/01/18 09:06
L47	0	WO-200283927-.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 09:18
L48	1	WO-200283927-.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 09:18
L49	1	WO-200283927-.did.	DERWENT	OR	OFF	2007/01/18 09:19
L50	0	WO-200283927-.did.	EPO	OR	OFF	2007/01/18 09:19
L51	1	WO-200283927-.did.	EPO; DERWENT	OR	OFF	2007/01/18 09:21
L52	1	WO-200283927-a2	EPO; DERWENT	OR	OFF	2007/01/18 09:21
S1	1	"7033762"	USPAT	OR	OFF	2006/12/21 10:06
S2	4	("20020031772" "20020031772" "20020058255" "20020058255" "5723591" "6037130" "6174670" "6350580"). PN.	USPAT	OR	OFF	2006/12/21 10:10
S3	2	("20020031772" "20020031772" "20020058255" "20020058255" "5723591" "6037130" "6174670" "6350580"). PN.	US-PGPUB	OR	OFF	2006/12/21 10:06
S4	103	(SORGE SORGE-ET-AL SORGE-J-A SORGE-J SORGE-JOSEPH SORGE-JOSEPH-A).in. and (nucleic or dna or rna or polynucleotide or oligonucleotide).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 10:11
S5	49	(SORGE SORGE-ET-AL SORGE-J-A SORGE-J SORGE-JOSEPH SORGE-JOSEPH-A).in. and (nucleic or dna or rna or polynucleotide or oligonucleotide).clm.	USPAT	OR	OFF	2006/12/21 10:11

## EAST Search History

S6	23	(SORGE SORGE-ET-AL SORGE-J-A SORGE-J SORGE-JOSEPH SORGE-JOSEPH-A).in. and (nucleic or dna or rna or polynucleotide or oligonucleotide).clm. and (probe or primer).clm.	USPAT	OR	OFF	2006/12/21 10:12
S7	7	(SORGE SORGE-ET-AL SORGE-J-A SORGE-J SORGE-JOSEPH SORGE-JOSEPH-A).in. and (nucleic or dna or rna or polynucleotide or oligonucleotide).clm. and (probe or primer).clm. and (fluorescent or fluorophore or donor).clm.	USPAT	OR	OFF	2006/12/21 12:27
S8	54	lizardi.in.	USPAT	OR	OFF	2006/12/21 13:11
S9	2	wo-200161037-\$ did. wo-200197616-\$ did.	EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:12
S10	2	"6531283".pn.	USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:19
S11	2064	zhang.in. and (dna or nucleic or oligonucleotide or polynucleotide).clm.	US-PPGPUB; USPAT	OR	OFF	2006/12/21 13:20
S12	172	zhang.in. and (dna or nucleic or oligonucleotide or polynucleotide).clm. and (pcr or amplif\$8).clm.	US-PPGPUB; USPAT	OR	OFF	2006/12/21 13:20
S13	40	zhang.in. and (dna or nucleic or oligonucleotide or polynucleotide).clm. and (pcr or amplif\$8).clm. and probe. clm.	US-PPGPUB; USPAT	OR	OFF	2006/12/21 13:31
S14	174	(hybridiz\$8 near5 (oligonucleotide or probe)) same fret	USPAT	OR	OFF	2006/12/21 14:17
S15	52	(hybridiz\$8 near5 (oligonucleotide or probe)) same fret same proximity	USPAT	OR	OFF	2006/12/21 13:50
S16	0	(hybridiz\$8 near5 (oligonucleotide or probe)) same fret same proximity same (first and second and third and fourth)	USPAT	OR	OFF	2006/12/21 13:35
S17	4	(hybridiz\$8 near5 (oligonucleotide or probe)) same fret same proximity same (first and second)	USPAT	OR	OFF	2006/12/21 13:35
S18	298	(hybridiz\$8 near5 (oligonucleotide or probe)) same (first and second and third and fourth)	USPAT	OR	OFF	2006/12/21 13:51
S19	164	(hybridiz\$8 near5 (oligonucleotide or probe)) same ((first and second and third and fourth) near15 probe)	USPAT	OR	OFF	2007/01/17 10:06

## EAST Search History

S20	14	(hybridiz\$8 near5 (oligonucleotide or probe) same ((first and second and third and fourth) near15 probe) and fret	USPAT	OR	OFF	2006/12/21 13:52
S21	47	(hybridiz\$8 near5 (oligonucleotide or probe) same ((first and second and third and fourth) near15 probe) and fret	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:52
S22	6	(first near probe) same (second near probe) same (third near probe) same (fourth near probe) and fret	USPAT	OR	OFF	2006/12/21 13:57
S23	13	(first near probe) same (second near probe) same (third near probe) same (fourth near probe) and fret	US-PGPUB; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:01
S24	31	((hybridiz\$8 or anneal\$4) near8 (first near probe) near12 (second near probe)) same ((hybridiz\$8 or anneal\$4) near8 (third near probe) near12 (fourth near probe))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:08
S25	1	((hybridiz\$8 or anneal\$4) near8 (first near probe) near12 (second near probe)) same (((hybridiz\$8 or anneal\$4) near8 (third near probe) near12 (fourth near probe)) same (tag\$4 or tail\$4 or (non near2 complementary)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:10
S26	1	((hybridiz\$8 or anneal\$4) near8 (first near probe) near12 (second near probe)) and (((hybridiz\$8 or anneal\$4) near8 (third near probe) near12 (fourth near probe)).same (tag\$4 or tail\$4 or (non near2 complementary)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:10
S27	4	((hybridiz\$8 or anneal\$4) same (first near probe) same (second near probe)) and (((hybridiz\$8 or anneal\$4) same (third near probe) same (fourth near probe)) same (tag\$4 or tail\$4 or (non near2 complementary)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:13
S28	4	((hybridiz\$8 or anneal\$4) same ((first near probe) and (second near probe)) or (two near probe)) and (((hybridiz\$8 or anneal\$4) same (third near probe) same (fourth near probe)) same (tag\$4 or tail\$4 or (non near2 complementary)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:13

## EAST Search History

S29	550	wenz.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:14
S30	7	wenz.in. and probe.clm. and (dna or oligonucleotide or polynucleotide or nucleic).clm.	US-PGPUB; USPAT	OR	OFF	2007/01/17 10:04
S31	536	(hybridiz\$8 or anneal\$4) same probe same (two or first or second) same fret	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:18
S32	356	((hybridiz\$8 or anneal\$4) near5 probe) same (two or first or second) same fret	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:19
S33	82	((hybridiz\$8 or anneal\$4) near5 probe) same (two or first or second) same fret	USPAT	OR	OFF	2006/12/21 14:19
S34	9	((hybridiz\$8 or anneal\$4) near5 probe) same (two or first or second) same fret same (non-complementary or (non near complementary) or ("not complementary") or uncomplementary or tag\$4 or tail\$4 or zip)	USPAT	OR	OFF	2006/12/21 14:29
S35	26	((hybridiz\$8 or anneal\$4) near5 probe) same (two or first or second) same fret same (non-complementary or (non near complementary) or ("not complementary") or uncomplementary or tag\$4 or tail\$4 or zip)	US-PGPUB; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:32
S36	415	((hybridiz\$8 or anneal\$4) near5 probe) same (two or first or second) same (non-complementary or (non near complementary) or ("not complementary") or uncomplementary or tag\$4 or tail\$4 or zip) and fret	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:33
S37	313	((hybridiz\$8 or anneal\$4) near5 probe) near8 (non-complementary or (non near complementary) or ("not complementary") or uncomplementary or tag\$4 or tail\$4 or zip) and fret	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:33
S38	203	((hybridiz\$8 or anneal\$4) near5 probe near8 (non-complementary or (non near complementary) or ("not complementary") or uncomplementary or tag\$4 or tail\$4 or zip) near8 ((first and second) or two))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:44

## EAST Search History

S39	86	((hybridiz\$8 or anneal\$4) near5 probe near8 (non-complementary or (non near complementary) or ("not complementary") or uncomplementary or tag\$4 or tail\$4 or zip) near8 ((first and second) or two)) and (fret)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:59
S40	1	wo-200109377-.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:58
S41	1	wo-9309877-.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:57
S42	2	wo-9309377-.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:57
S43	2	wo-9937806-.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:59
S44	203	((hybridiz\$8 or anneal\$4) near5 probe near8 (non-complementary or (non near complementary) or ("not complementary") or uncomplementary or tag\$4 or tail\$4 or zip) near8 ((first and second) or two))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:59
S45	78	((hybridiz\$8 or anneal\$4) near5 probe near8 (non-complementary or (non near complementary) or ("not complementary") or uncomplementary or tag\$4 or tail\$4 or zip) near8 ((first and second) or two))	USPAT	OR	OFF	2006/12/21 15:24
S46	125	((hybridiz\$8 or anneal\$4) near5 probe near8 (non-complementary or (non near complementary) or ("not complementary") or uncomplementary or tag\$4 or tail\$4 or zip) near8 ((first and second) or two))	US-PGPUB; EPO; JPO; DERWENT	OR	OFF	2006/12/21 15:30
S47	0	(hemi near probe) same fret	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 15:31
S48	0	(hemi near probe) and fret	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 15:31

## EAST Search History

S49	0	(hemiprobe) and fret	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 15:31
S50	0	(hemiprobe) and fluorescence	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 15:31
S51	0	(hemi-probe) and fluorescence	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 15:33
S52	10	"amp-probe-2" and fluorescence	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 15:33
S53	0	"amp-probe-2" and fret	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 15:33
S54	11	"amp-probe-2" same hybridis\$8 same probe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 16:10
S55	4	"6913881"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 16:11
S56	0	tyagi.in. and noncomplementary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 16:11
S57	542	tyagi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 16:11
S58	8	tyagi.in. and beacon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 16:12
S59	0	tyagi.in. and frte	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 16:12
S60	12	tyagi.in. and fret	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 16:12

## EAST Search History

S61	1	(hans near3 wenz).in. and probe.clm. and (dna or oligonucleotide or polynucleotide or nucleic).clm.	US-PGPUB; USPAT	OR	OFF	2006/12/21 16:16
S62	2	(hans near3 wenz).in.	US-PGPUB; USPAT	OR	OFF	2006/12/21 16:16
S63	2	wenz.in. and probe.clm. and (dna or oligonucleotide or polynucleotide or nucleic).clm. and fret	US-PGPUB; USPAT	OR	OFF	2006/12/21 16:21
S64	0	wenz.in. and probe.clm. and (dna or oligonucleotide or polynucleotide or nucleic).clm. and fret	EPO; JPO; DERWENT	OR	OFF	2006/12/21 16:21
S65	0	wenz.in. and probe.clm. and (dna or oligonucleotide or polynucleotide or nucleic).clm.	EPO; JPO; DERWENT	OR	OFF	2006/12/21 16:21
S66	0	wenz.in. and probe.clm. and (dna or oligonucleotide or polynucleotide or nucleic)	EPO; JPO; DERWENT	OR	OFF	2006/12/21 16:21
S67	7	wenz.in. and probe and (dna or oligonucleotide or polynucleotide or nucleic)	EPO; JPO; DERWENT	OR	OFF	2006/12/21 16:21
S68	5872	suyama.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 09:16
S69	69	suyama.in. and (nucleic or dna or oligonucleotide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 09:17
S70	47	(probe) same ((target near2 specific) or (target near2 binding) or specific or complementary) same (fret or (energy near transfer)) same ((non near complementary) or tail\$4 or arm or "not complementary")	USPAT	OR	OFF	2007/01/17 10:39
S71	95	(probe) same ((target near2 specific) or (target near2 binding) or specific or complementary) same (fret or (energy near transfer)) same ((non near complementary) or tail\$4 or arm or "not complementary")	US-PGPUB	OR	OFF	2007/01/17 10:27
S72	3	(fret or (energy near transfer)) same probe same (tail\$4 or arm or (non near2 complementary) or "not complementary")	EPO; JPO; DERWENT	OR	OFF	2007/01/17 10:35
S73	11	(fret or (energy near transfer)) and probe and (tail\$4 or arm or (non near2 complementary) or "not complementary")	EPO; JPO; DERWENT	OR	OFF	2007/01/17 10:35

## EAST Search History

S74	1	(fret or (energy near transfer)) and first and second and third and fourth and probe	EPO; JPO; DERWENT	OR	OFF	2007/01/17 10:37
S75	218	(fret or (energy near transfer)) and ("not compelementary" or arm or tail\$4 or (non near complementary))	EPO; JPO; DERWENT	OR	OFF	2007/01/17 10:37
S76	40	(fret or (energy near transfer)) and ("not compelementary" or tail\$4 or (non near complementary))	EPO; JPO; DERWENT	OR	OFF	2007/01/17 10:39
S77	8	(fret or (energy near transfer)) and ("not compelementary" or tail\$4 or (non near complementary)) and probe	EPO; JPO; DERWENT	OR	OFF	2007/01/17 10:38
S78	365	((probe) same ((target near2 specific) or (target near2 binding) or specific or complementary) same ((non near complementary) or tail\$4 or arm or "not complementary")) and (fret or (energy near transfer))	USPAT	OR	OFF	2007/01/17 10:42
S79	231	((probe) near8 ((target near2 specific) or (target near2 binding) or specific or complementary) near8 ((non near complementary) or tail\$4 or arm or "not complementary")) and (fret or (energy near transfer))	USPAT *	OR	OFF	2007/01/17 11:06
S80	465	((probe) near8 ((target near2 specific) or (target near2 binding) or specific or complementary) near8 ((non near complementary) or tail\$4 or arm or "not complementary")) and (fret or (energy near transfer))	US-PGPUB	OR	OFF	2007/01/17 11:06
S81	38	((probe) near8 ((target near2 specific) or (target near2 binding) or specific or complementary) near8 ((non near complementary) or tail\$4 or arm or "not complementary")) same (fret or (energy near transfer))	US-PGPUB	OR	OFF	2007/01/17 11:31
S82	1	"4882269".pn.	USPAT	OR	OFF	2007/01/17 11:37
S83	5	urdea.in. and (fret or (energy near transfer))	USPAT	OR	OFF	2007/01/17 11:36
S84	37	(Schneider.in. or shenk.in.) and (fret or (energy near transfer))	USPAT	OR	OFF	2007/01/17 11:39
S85	39	((amplifier or signal) near3 probe) same (fret or (energy near transfer) or donor or acceptor) same hybridiz\$8	USPAT	OR	OFF	2007/01/17 11:40

## EAST Search History

S86	3	((amplifier or signal) near3 probe) same (fret or (energy near transfer) or donor or acceptor) same hybridiz\$8 same ("not complementary" or (non near2 complementary) or tail\$4 or arm)	USPAT	OR	OFF	2007/01/17 11:42
S87	5	((amplifier or signal) near3 probe) same (fret or (energy near transfer) or donor or acceptor) same hybridiz\$8 same ("not complementary" or (non near2 complementary) or tail\$4 or arm)	US-PGPUB	OR	OFF	2007/01/17 11:42
S88	37	((amplifier or signal or second\$4) near3 probe) same (fret or (energy near transfer) or donor or acceptor) same hybridiz\$8 same ("not complementary" or (non near2 complementary) or tail\$4 or arm)	US-PGPUB	OR	OFF	2007/01/17 11:44
S89	258	((amplifier or signal or second\$4) near3 probe) same (fret or (energy near transfer) or donor or acceptor) same hybridiz\$8	US-PGPUB	OR	OFF	2007/01/17 11:44
S90	233	((amplifier or signal or second\$4) near3 probe) same (fret or (energy near transfer)) same hybridiz\$8	US-PGPUB	OR	OFF	2007/01/17 11:45
S91	95	((amplifier or signal or second\$4) near3 probe) near8 (fret or (energy near transfer)) same hybridiz\$8	US-PGPUB	OR	OFF	2007/01/17 11:51
S92	37	((amplifier or signal or second\$4) near3 probe) near8 (fret or (energy near transfer)) same hybridiz\$8	USPAT	OR	OFF	2007/01/17 12:14
S93	3	"5656430".pn. "5124246".pn. "5624802".pn.	USPAT	OR	OFF	2007/01/17 12:14
S94	1	"0229943".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:00
S95	6	"229943".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:16
S96	22	heller.in. and kit.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:17
S97	4	heller.in. and kit.clm.	USPAT	OR	OFF	2007/01/17 13:16

## EAST Search History

S98	31	heller.in. and kit and fluorescent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:17
S99	24	heller.in. and kit and fluorescent and probe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:17
S10 0	2	"5681697".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 15:57
S10 1	0	(fret) same (amplifier near probe)	US-PGPUB; USPAT	OR	OFF	2007/01/17 15:58
S10 2	3	(fret or fluorescen\$4) same (amplifier near probe)	US-PGPUB; USPAT	OR	OFF	2007/01/17 15:58
S10 3	582	(fret or fluorescen\$4) same (signal near probe)	US-PGPUB; USPAT	OR	OFF	2007/01/17 15:58
S10 4	84	(fret) same (signal near probe)	US-PGPUB; USPAT	OR	OFF	2007/01/17 15:58
S10 5	23	(fret) same (signal near probe)	USPAT	OR	OFF	2007/01/17 16:01
S10 6	79	(fret or (energy near transfer)) same (compar\$8 or advantag\$6 or improv\$6 or prefer\$6) same (enzym\$5) same (dna or nucleic or polynucleotide)	USPAT	OR	OFF	2007/01/17 16:09
S10 7	53	(label near5 enzym\$4) same (fret or (energy near transfer))	USPAT	OR	OFF	2007/01/17 16:10